

FILE 'HOME' ENTERED AT 12:57:27 ON 07 JUL 2008

=> file registry
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 12:57:43 ON 07 JUL 2008
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STRUCTURE FILE UPDATES: 6 JUL 2008 HIGHEST RN 1032827-24-9
DICTIONARY FILE UPDATES: 6 JUL 2008 HIGHEST RN 1032827-24-9

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TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

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experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

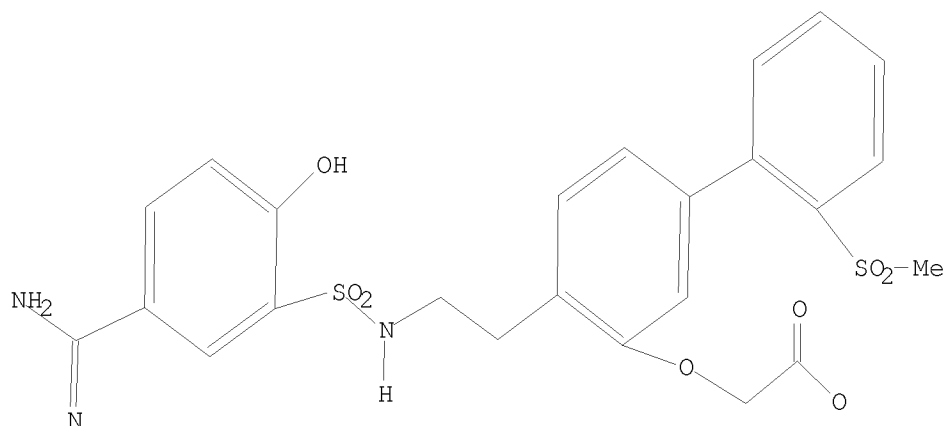
Uploading C:\Program Files\STNEXP\Queries\10572515.str

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam
SAMPLE SEARCH INITIATED 12:58:42 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 4 TO ITERATE

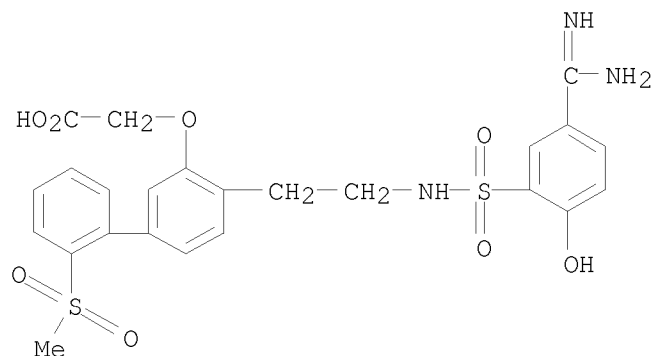
100.0% PROCESSED 4 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 4 TO 200
PROJECTED ANSWERS: 1 TO 80

L2 1 SEA SSS SAM L1

=> d scan 12

L2 1 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Acetic acid, 2-[[4-[2-[[[5-(aminoiminomethyl)-2-hydroxyphenyl]sulfonyl]amino]ethyl]-2'-(methylsulfonyl)[1,1'-biphenyl]-3-yl]oxy]-
MF C24 H25 N3 O8 S2
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> s l1 sss full
FULL SEARCH INITIATED 12:59:49 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 57 TO ITERATE

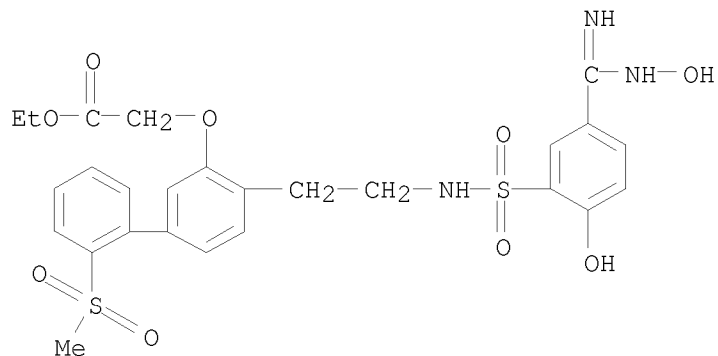
100.0% PROCESSED 57 ITERATIONS 12 ANSWERS
SEARCH TIME: 00.00.01

L3 12 SEA SSS FUL L1

=> D scan 13

L3 12 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Acetic acid, 2-[[4-[2-[[[2-hydroxy-5-[(hydroxyamino)iminomethyl]phenyl]sulfonyl]amino]ethyl]-2'-(methylsulfonyl)[1,1'-biphenyl]-3-yl]oxy]-

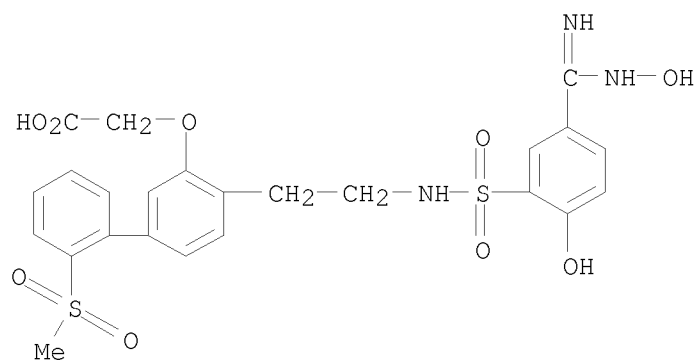
fonyl]amino]ethyl]-2'-(methylsulfonyl)[1,1'-biphenyl]-3-yl]oxy]-, ethyl
 ester
 MF C26 H29 N3 O9 S2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 12 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Acetic acid, 2-[[4-[2-[[[2-hydroxy-5-[(hydroxyamino)iminomethyl]phenyl]sul
 fonyl]amino]ethyl]-2'-(methylsulfonyl)[1,1'-biphenyl]-3-yl]oxy]-
 MF C24 H25 N3 O9 S2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):
 HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> file caplus
 COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION

FULL ESTIMATED COST

180.20

180.41

FILE 'CAPLUS' ENTERED AT 13:00:30 ON 07 JUL 2008
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FILE COVERS 1907 - 7 Jul 2008 VOL 149 ISS 2
FILE LAST UPDATED: 6 Jul 2008 (20080706/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> d his

(FILE 'HOME' ENTERED AT 12:57:27 ON 07 JUL 2008)

FILE 'REGISTRY' ENTERED AT 12:57:43 ON 07 JUL 2008

L1 STRUCTURE UPLOADED
L2 1 S L1 SSS SAM
L3 12 S L1 SSS FULL

FILE 'CAPLUS' ENTERED AT 13:00:30 ON 07 JUL 2008

=> S 13

L4 7 L3

=> d 14 ibib hitstr 1-7

L4 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2006:1066558 CAPLUS

DOCUMENT NUMBER: 145:413723

TITLE: Highly sensitive hematological assay and reagent

INVENTOR(S): Koizumi, Takashi; Yamazaki, Yoshinobu

PATENT ASSIGNEE(S): Kissei Pharmaceutical Co., Ltd., Japan

SOURCE: PCT Int. Appl., 26pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006106695	A1	20061012	WO 2006-JP306357	20060328

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.: JP 2005-106590 A 20050401

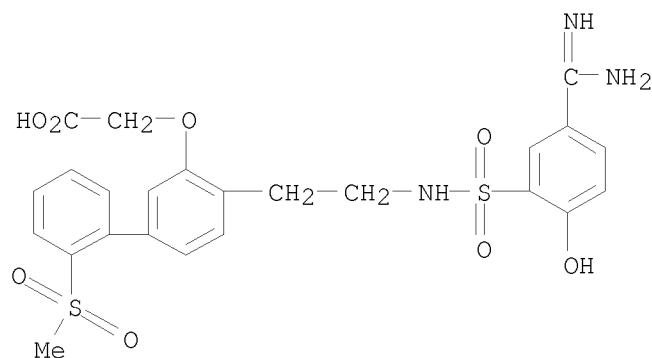
OTHER SOURCE(S): MARPAT 145:413723

IT 778571-81-6D, derivs.

RL: ANT (Analyte); BSU (Biological study, unclassified); ANST (Analytical study); BIOL (Biological study)
(highly sensitive direct factor Xa inhibitor blood coagulation assay and reagent)

RN 778571-81-6 CAPLUS

CN Acetic acid, 2-[[4-[2-[[[5-(aminoiminomethyl)-2-hydroxyphenyl]sulfonyl]amino]ethyl]-2'-(methylsulfonyl)[1,1'-biphenyl]-3-yl]oxy]- (CA INDEX NAME)



REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2005:281763 CAPLUS

DOCUMENT NUMBER: 142:309907

TITLE: Concurrent drugs containing 5-amidino-2-hydroxybenzenesulfonamide derivatives and antiplatelet agents for treatment of thromboembolism

INVENTOR(S): Hoyano, Yuji; Honma, Toshiki; Koizumi, Takashi; Akahane, Satoshi

PATENT ASSIGNEE(S): Kissei Pharmaceutical Co., Ltd., Japan

SOURCE: PCT Int. Appl., 23 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

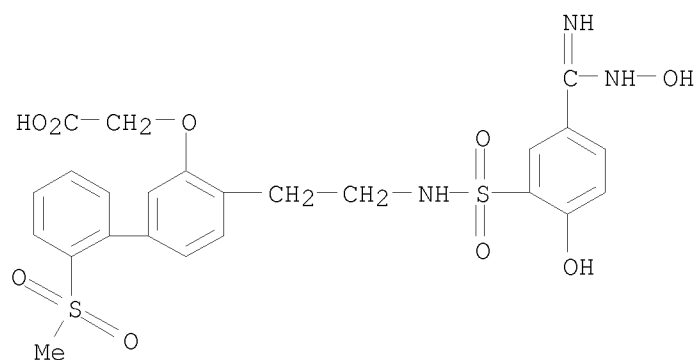
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

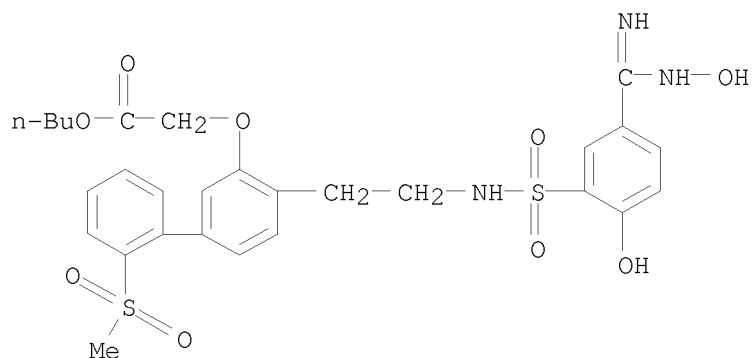
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2005027896 A1 20050331 WO 2004-JP13982 20040916
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
SN, TD, TG
CA 2538366 A1 20050331 CA 2004-2538366 20040916
EP 1679067 A1 20060712 EP 2004-773372 20040916
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK
US 20070105825 A1 20070510 US 2006-572515 20060317
PRIORITY APPLN. INFO.: JP 2003-328487 A 20030919
WO 2004-JP13982 W 20040916

OTHER SOURCE(S): MARPAT 142:309907
IT 409358-97-0 763076-29-5 778571-81-6
847991-50-8
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL
(Biological study); USES (Uses)
(concurrent drugs containing 5-amidino-2-hydroxybenzenesulfonamide derivs.
and antiplatelet agents for treatment of thromboembolism)
RN 409358-97-0 CAPLUS
CN Acetic acid, 2-[[4-[2-[[[2-hydroxy-5-[(hydroxyamino)iminomethyl]phenyl]sul
fonyl]amino]ethyl]-2'-(methylsulfonyl)[1,1'-biphenyl]-3-yl]oxy]- (CA
INDEX NAME)

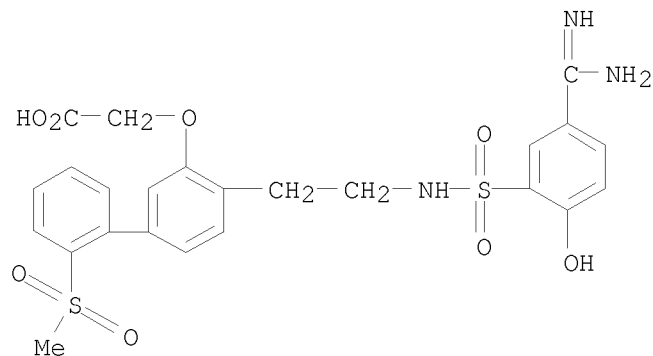


RN 763076-29-5 CAPLUS
CN Acetic acid, 2-[[4-[2-[[[2-hydroxy-5-[(hydroxyamino)iminomethyl]phenyl]sul
fonyl]amino]ethyl]-2'-(methylsulfonyl)[1,1'-biphenyl]-3-yl]oxy]-, butyl
ester (CA INDEX NAME)



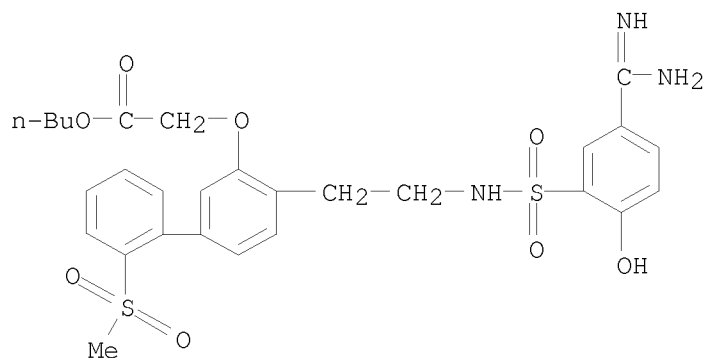
RN 778571-81-6 CAPLUS

CN Acetic acid, 2-[[4-[2-[[[5-(aminoiminomethyl)-2-hydroxyphenyl]sulfonyl]amino]ethyl]-2'-(methylsulfonyl)[1,1'-biphenyl]-3-yl]oxy]- (CA INDEX NAME)



RN 847991-50-8 CAPLUS

CN Acetic acid, 2-[[4-[2-[[[5-(aminoiminomethyl)-2-hydroxyphenyl]sulfonyl]amino]ethyl]-2'-(methylsulfonyl)[1,1'-biphenyl]-3-yl]oxy]-, butyl ester (CA INDEX NAME)



REFERENCE COUNT:

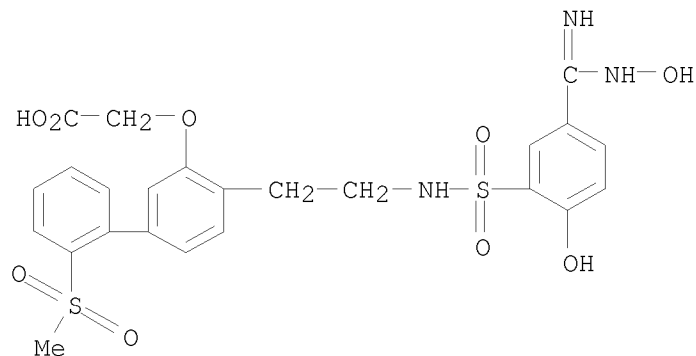
16

THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ACCESSION NUMBER: 2004:493668 CAPLUS
 DOCUMENT NUMBER: 141:54067
 TITLE: Preparation of biphenyloxyacetic acid derivatives as intermediates for activated blood coagulation factor X inhibitor
 INVENTOR(S): Isawa, Hidetoshi; Kasai, Kiyoshi; Sonehara, Junichi; Kobayashi, Masahiro; Kai, Yuichiro; Yokoyama, Kenji
 PATENT ASSIGNEE(S): Kissei Pharmaceutical Co., Ltd., Japan
 SOURCE: PCT Int. Appl., 32 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004050611	A1	20040617	WO 2003-JP14619	20031118
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003302636	A1	20040623	AU 2003-302636	20031118
PRIORITY APPLN. INFO.:			JP 2002-349596	A 20021202
			WO 2003-JP14619	W 20031118

OTHER SOURCE(S): MARPAT 141:54067
 IT 409358-97-0P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (process for preparation of biphenyloxyacetic acid derivs. as intermediates for activated blood coagulation factor X inhibitor)
 RN 409358-97-0 CAPLUS
 CN Acetic acid, 2-[[4-[2-[[[2-hydroxy-5-[(hydroxyamino)iminomethyl]phenyl]sulfonyl]amino]ethyl]-2'-(methylsulfonyl)[1,1'-biphenyl]-3-yl]oxy]- (CA INDEX NAME)

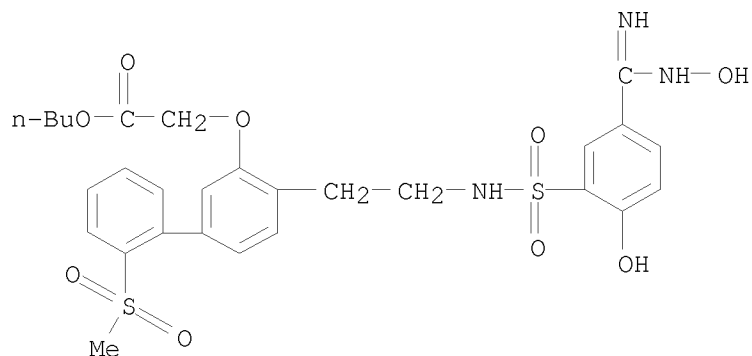


IT 409358-98-1P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (process for preparation of biphenyloxyacetic acid derivs. as intermediates

for activated blood coagulation factor X inhibitor)

RN 409358-98-1 CAPLUS

CN Acetic acid, 2-[[4-[2-[[[2-hydroxy-5-[(hydroxyamino)iminomethyl]phenyl]sulfonyl]amino]ethyl]-2'-(methylsulfonyl)[1,1'-biphenyl]-3-yl]oxy]-, butyl ester, hydrochloride (1:1) (CA INDEX NAME)



● HCl

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2003:777573 CAPLUS

DOCUMENT NUMBER: 139:286348

TITLE: Preventive or therapeutic agent for kidney disease

INVENTOR(S): Koizumi, Takashi; Hoyano, Yuji; Akahane, Satoshi

PATENT ASSIGNEE(S): Kissei Pharmaceutical Co., Ltd., Japan

SOURCE: PCT Int. Appl., 110 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2003080038	A1	20031002	WO 2003-JP3229	20030318
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2479254	A1	20031002	CA 2003-2479254	20030318
AU 2003221042	A1	20031008	AU 2003-221042	20030318
EP 1491187	A1	20041229	EP 2003-712737	20030318
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
CN 1652761	A	20050810	CN 2003-810973	20030318

TW 262073	B	20060921	TW 2003-92106299	20030321
US 20050107354	A1	20050519	US 2004-508209	20040920
MX 2004PA09234	A	20050125	MX 2004-PA9234	20040922
PRIORITY APPLN. INFO.:			JP 2002-81769	A 20020322
			WO 2003-JP3229	W 20030318

OTHER SOURCE(S): MARPAT 139:286348

IT 409358-84-5P 409358-93-6P 409358-97-0P
 409358-98-1P 409358-99-2P 409359-00-8P
 409359-06-4P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
 (Uses)

(preventive or therapeutic agent for kidney disease)

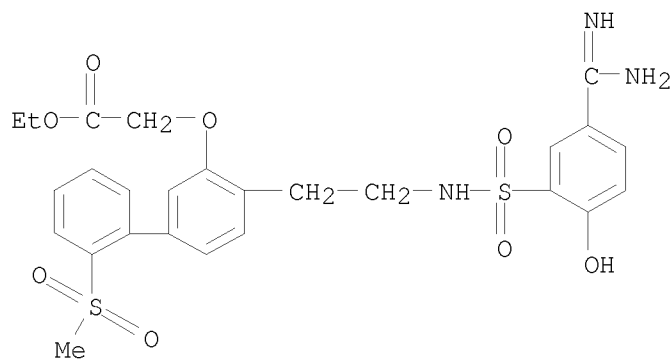
RN 409358-84-5 CAPLUS

CN Acetic acid, 2-[[4-[2-[[[5-(aminoiminomethyl)-2-hydroxyphenyl]sulfonyl]amino]ethyl]-2'-(methylsulfonyl)[1,1'-biphenyl]-3-yl]oxy]-, ethyl ester, acetate (1:1) (CA INDEX NAME)

CM 1

CRN 409358-83-4

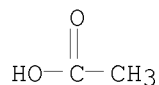
CMF C26 H29 N3 O8 S2



CM 2

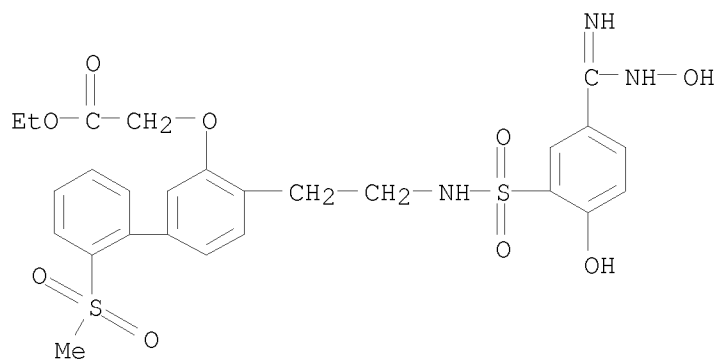
CRN 64-19-7

CMF C2 H4 O2



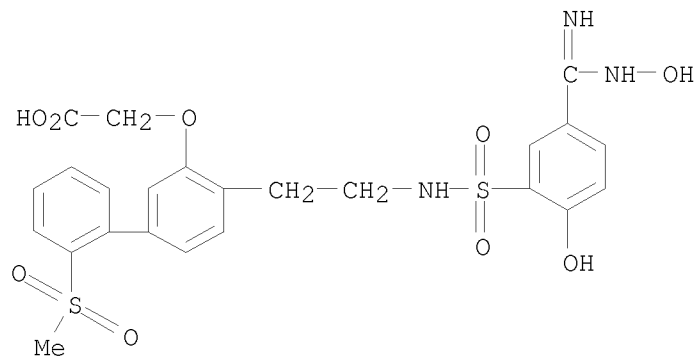
RN 409358-93-6 CAPLUS

CN Acetic acid, 2-[[4-[2-[[[2-hydroxy-5-[(hydroxyamino)iminomethyl]phenyl]sulfonyl]amino]ethyl]-2'-(methylsulfonyl)[1,1'-biphenyl]-3-yl]oxy]-, ethyl ester (CA INDEX NAME)



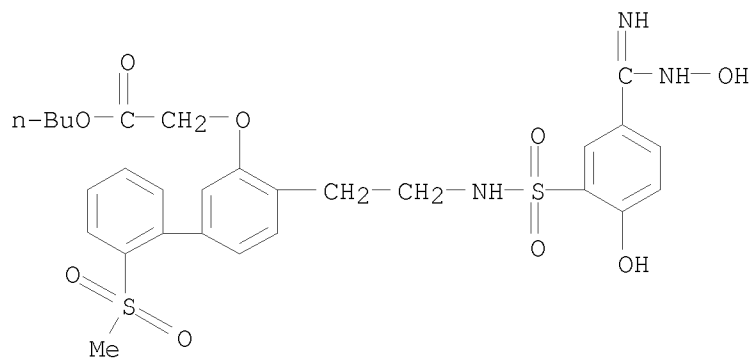
RN 409358-97-0 CAPLUS

CN Acetic acid, 2-[[4-[2-[[[2-hydroxy-5-[(hydroxyamino)iminomethyl]phenyl]sulfonyl]amino]ethyl]-2'-(methylsulfonyl)[1,1'-biphenyl]-3-yl]oxy]- (CA INDEX NAME)



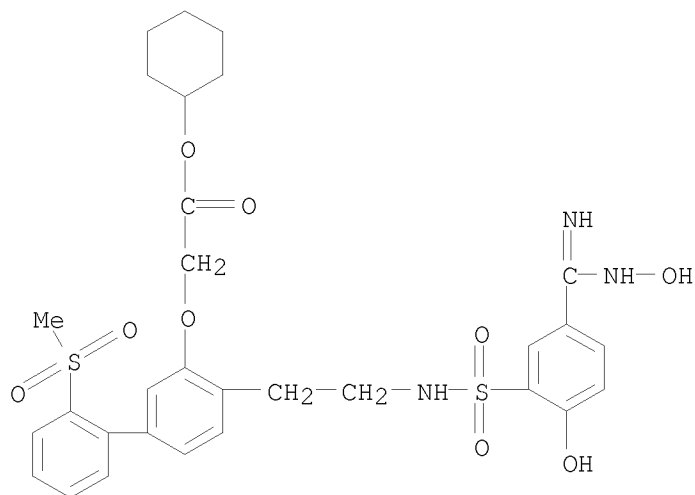
RN 409358-98-1 CAPLUS

CN Acetic acid, 2-[[4-[2-[[[2-hydroxy-5-[(hydroxyamino)iminomethyl]phenyl]sulfonyl]amino]ethyl]-2'-(methylsulfonyl)[1,1'-biphenyl]-3-yl]oxy]-, butyl ester, hydrochloride (1:1) (CA INDEX NAME)

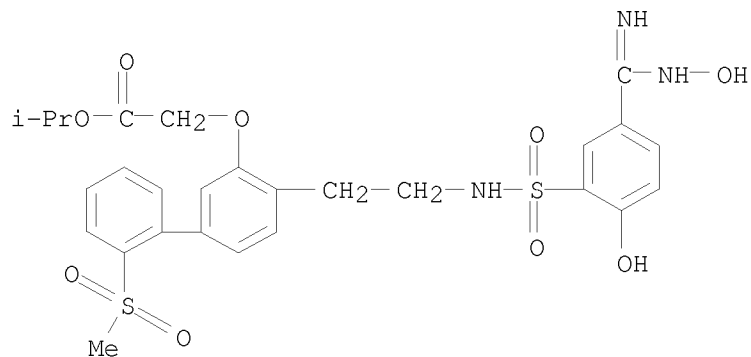


● HCl

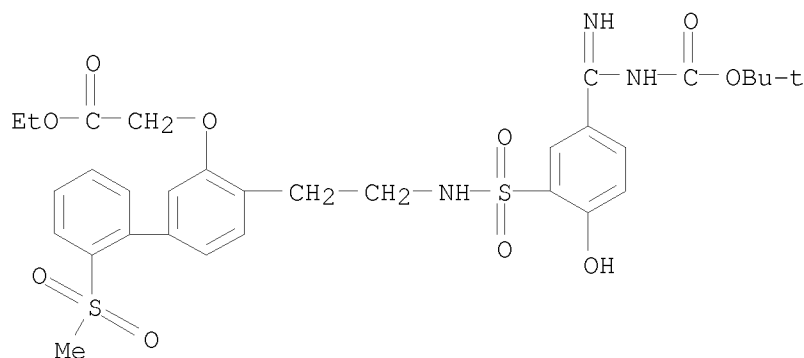
CN Acetic acid, 2-[[4-[2-[[[2-hydroxy-5-[(hydroxyamino)iminomethyl]phenyl]sulfonyl]amino]ethyl]-2'-(methylsulfonyl)[1,1'-biphenyl]-3-yl]oxy]-, cyclohexyl ester (CA INDEX NAME)



CN Acetic acid, 2-[[4-[2-[[[2-hydroxy-5-[(hydroxyamino)iminomethyl]phenyl]sulfonyl]amino]ethyl]-2'-(methylsulfonyl)[1,1'-biphenyl]-3-yl]oxy]-, 1-methylethyl ester (CA INDEX NAME)



CN Acetic acid, 2-[[[4-[2-[[[5-[[[(1,1-dimethylethoxy)carbonyl]amino]iminomethyl]-2-hydroxyphenyl]sulfonyl]amino]ethyl]-2'-(methylsulfonyl)[1,1'-biphenyl]-3-yl]oxy]-, ethyl ester (CA INDEX NAME)



REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2003:757671 CAPLUS

DOCUMENT NUMBER: 139:261043

TITLE: Novel crystals of 5-hydroxycarbamimidoyl-2-hydroxybenzenesulfonamide derivative

INVENTOR(S): Mukaiyama, Harunobu; Kai, Yuichiro; Takeuchi, Hideki; Yokoyama, Kenji; Terao, Yoshihiro; Akahane, Satoshi

PATENT ASSIGNEE(S): Kissei Pharmaceutical Co., Ltd., Japan

SOURCE: PCT Int. Appl., 29 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003078389	A1	20030925	WO 2003-JP2465	20030304
W:				
AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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CA 2479062	A1	20030925	CA 2003-2479062	20030304
AU 2003211537	A2	20030929	AU 2003-211537	20030304
AU 2003211537	A1	20030929		
EP 1486485	A1	20041215	EP 2003-744508	20030304
R:				
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BR 2003008426	A	20050118	BR 2003-8426	20030304
CN 1642908	A	20050720	CN 2003-806068	20030304
US 20050143457	A1	20050630	US 2004-507616	20040914
US 7256215	B2	20070814		
MX 2004PA09007	A	20050701	MX 2004-PA9007	20040915
NO 2004004364	A	20041209	NO 2004-4364	20041014
PRIORITY APPLN. INFO.:			JP 2002-71120	A 20020315
			WO 2003-JP2465	W 20030304

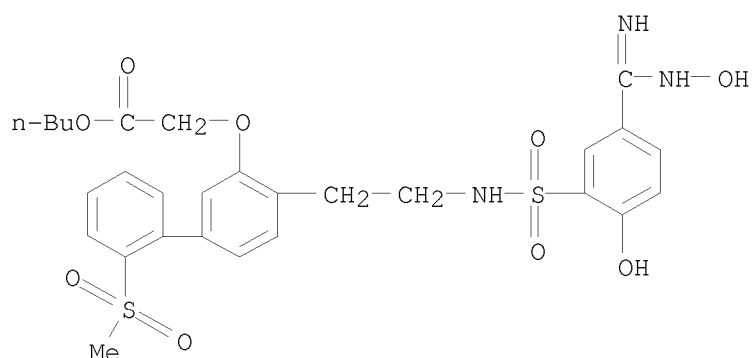
IT 409358-98-1P

RL: PAC (Pharmacological activity); PUR (Purification or recovery); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(crystals of 5-hydroxycarbamimidoyl-2-hydroxybenzenesulfonamide derivative as inhibitor for blood coagulation factor)

RN 409358-98-1 CAPLUS

CN Acetic acid, 2-[[4-[2-[[[2-hydroxy-5-[(hydroxyamino)iminomethyl]phenyl]sulfonyl]amino]ethyl]-2'-(methylsulfonyl)[1,1'-biphenyl]-3-yl]oxy]-, butyl ester, hydrochloride (1:1) (CA INDEX NAME)



● HCl

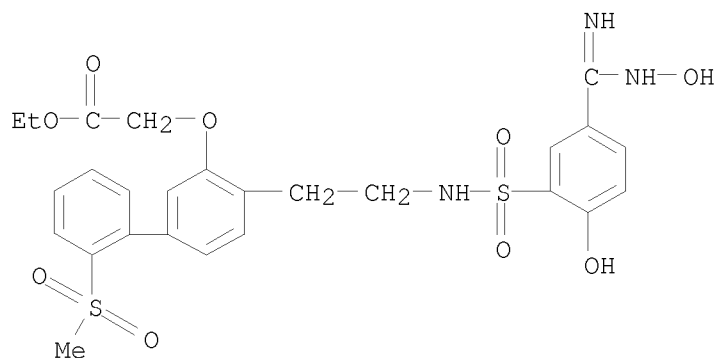
IT 409358-93-6P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(in preparation of crystals of 5-hydroxycarbamimidoyl-2-hydroxybenzenesulfonamide derivative as inhibitor for blood coagulation factor)

RN 409358-93-6 CAPLUS

CN Acetic acid, 2-[[4-[2-[[[2-hydroxy-5-[(hydroxyamino)iminomethyl]phenyl]sulfonyl]amino]ethyl]-2'-(methylsulfonyl)[1,1'-biphenyl]-3-yl]oxy]-, ethyl ester (CA INDEX NAME)



REFERENCE COUNT:

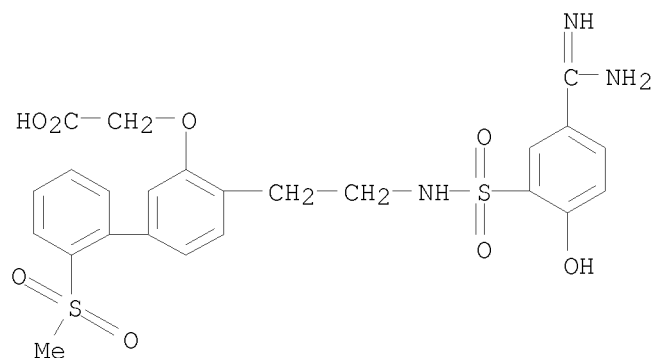
7

THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ACCESSION NUMBER: 2003:271699 CAPLUS
 DOCUMENT NUMBER: 138:271388
 TITLE: Preparation of biphenylethylamines as intermediates for activated blood coagulation factor X inhibitors
 INVENTOR(S): Mukoyama, Harunobu; Kai, Yuichiro; Yokoyama, Kenji; Terao, Yoshihiro; Suzuki, Takashi; Akabane, Satoshi
 PATENT ASSIGNEE(S): Kissei Pharmaceutical Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 11 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003104957	A	20030409	JP 2001-298705	20010928
PRIORITY APPLN. INFO.: OTHER SOURCE(S): MARPAT 138:271388			JP 2001-298705	20010928

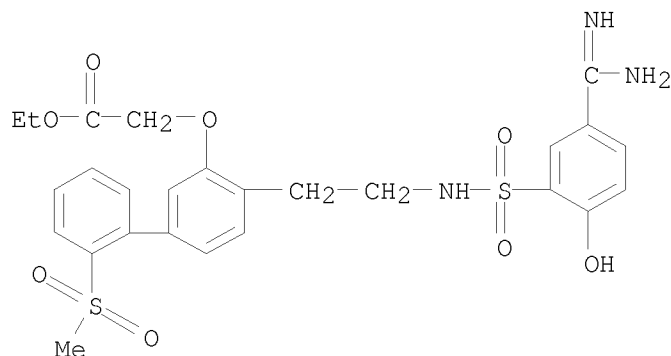
IT 503619-95-2P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (in preparation of activated blood coagulation factor X inhibitors; preparation of biphenylethylamines by condensation of biphenylacetic acids, amidation of benzofuranones, and reduction)
 RN 503619-95-2 CAPLUS
 CN Acetic acid, 2-[[4-[2-[[[5-(aminoiminomethyl)-2-hydroxyphenyl]sulfonyl]amino]ethyl]-2'-(methylsulfonyl)[1,1'-biphenyl]-3-yl]oxy]-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

IT 409358-83-4P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (in preparation of activated blood coagulation factor X inhibitors; preparation of biphenylethylamines by condensation of biphenylacetic acids, amidation of benzofuranones, and reduction)
 RN 409358-83-4 CAPLUS
 CN Acetic acid, 2-[[4-[2-[[[5-(aminoiminomethyl)-2-

hydroxyphenyl]sulfonyl]amino]ethyl]-2'-(methanesulfonyl)[1,1'-biphenyl]-3-yl]oxy]-, ethyl ester (CA INDEX NAME)



L4 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2002:275958 CAPLUS

DOCUMENT NUMBER: 136:309762

TITLE: Preparation of 5-amidino-2-hydroxybenzenesulfonamide derivatives as inhibitors of activated blood coagulation factor X and pharmaceutical compositions containing the same and intermediates for their preparation

INVENTOR(S): Okazaki, Kosuke; Uchida, Masahiko; Mukaiyama, Harunobu; Kobayashi, Hiroaki; Kai, Yuichiro; Takeuchi, Hideki; Yokoyama, Kenji; Terao, Yoshihiro; Hoyano, Yuji; Shiohara, Hiroaki; Kikuchi, Norihiko

PATENT ASSIGNEE(S): Kissei Pharmaceutical Co., Ltd., Japan

SOURCE: PCT Int. Appl., 111 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002028827	A1	20020411	WO 2001-JP8670	20011002
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2001092331	A	20020415	AU 2001-92331	20011002
AU 2001292331	A2	20020415	AU 2001-292331	20011002
AU 2001292331	B2	20070118		
CA 2423631	A1	20030325	CA 2001-2423631	20011002
EP 1331221	A1	20030730	EP 2001-972648	20011002
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2001014424	A	20040217	BR 2001-14424	20011002
ZA 2003002401	A	20040329	ZA 2003-2401	20011002

NZ 525114	A	20050527	NZ 2001-525114	20011002
RU 2273633	C2	20060410	RU 2003-109440	20011002
JP 3967679	B2	20070829	JP 2002-532413	20011002
MX 2003PA02975	A	20040212	MX 2003-PA2975	20030404
US 20060116361	A1	20060601	US 2003-398383	20030708
US 7208524	B2	20070424		
US 20060205812	A1	20060914	US 2006-359430	20060223
US 7217832	B2	20070515		
US 20070105829	A1	20070510	US 2006-553573	20061027
PRIORITY APPLN. INFO.:			JP 2000-305569	A 20001004
			JP 2001-191486	A 20010625
			WO 2001-JP8670	W 20011002
			US 2003-398383	A3 20030708

OTHER SOURCE(S): MARPAT 136:309762

IT 409358-84-5P 409358-93-6P 409358-97-0P
 409358-98-1P 409358-99-2P 409359-00-8P
 409359-06-4P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
 (Uses)

(preparation of 5-amidinohydroxybenzenesulfonamide derivs. as selective
 inhibitors of activated blood coagulation factor X and preventive or
 therapeutic drugs for thrombus or obstructive diseases)

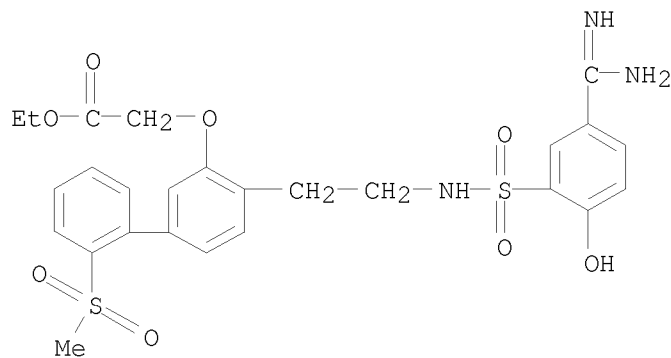
RN 409358-84-5 CAPLUS

CN Acetic acid, 2-[[4-[2-[[[5-(aminoiminomethyl)-2-
 hydroxyphenyl]sulfonyl]amino]ethyl]-2'-(methylsulfonyl)[1,1'-biphenyl]-3-
 yl]oxy]-, ethyl ester, acetate (1:1) (CA INDEX NAME)

CM 1

CRN 409358-83-4

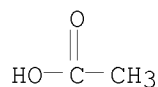
CMF C26 H29 N3 O8 S2



CM 2

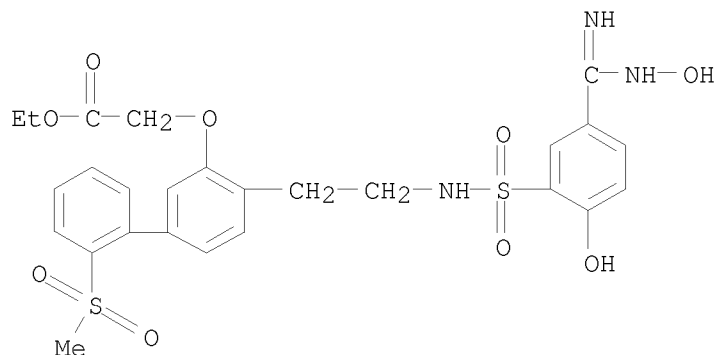
CRN 64-19-7

CMF C2 H4 O2



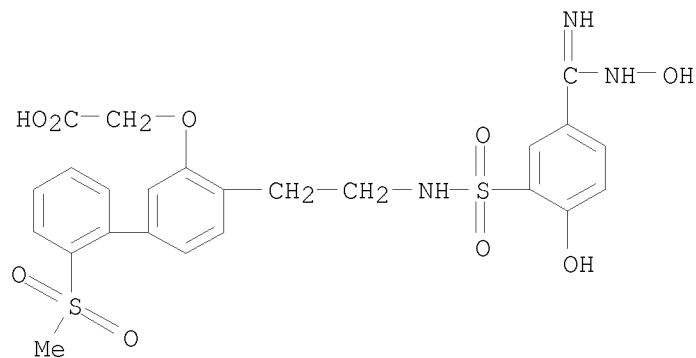
RN 409358-93-6 CAPLUS

CN Acetic acid, 2-[[4-[2-[[[2-hydroxy-5-[(hydroxyamino)iminomethyl]phenyl]sulfonyl]amino]ethyl]-2'-(methylsulfonyl)[1,1'-biphenyl]-3-yl]oxy]-, ethyl ester (CA INDEX NAME)



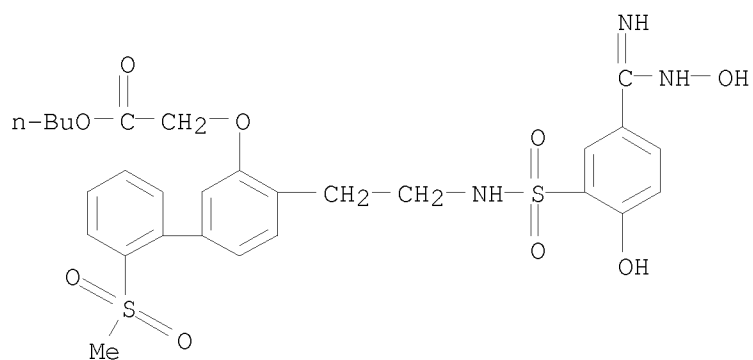
RN 409358-97-0 CAPLUS

CN Acetic acid, 2-[[4-[2-[[[2-hydroxy-5-[(hydroxyamino)iminomethyl]phenyl]sulfonyl]amino]ethyl]-2'-(methylsulfonyl)[1,1'-biphenyl]-3-yl]oxy]- (CA INDEX NAME)



RN 409358-98-1 CAPLUS

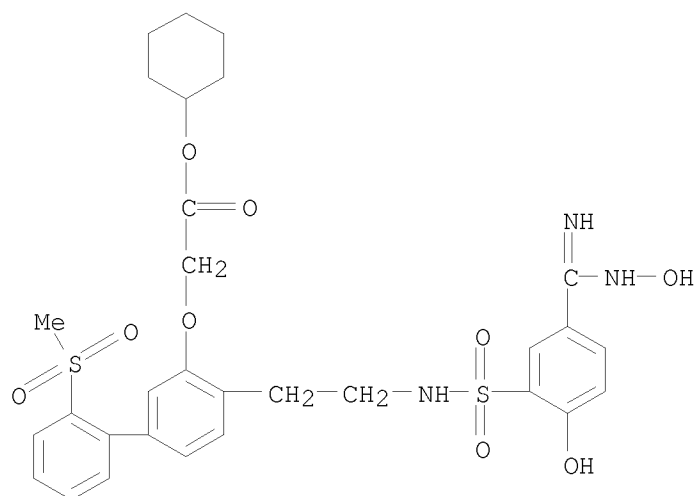
CN Acetic acid, 2-[[4-[2-[[[2-hydroxy-5-[(hydroxyamino)iminomethyl]phenyl]sulfonyl]amino]ethyl]-2'-(methylsulfonyl)[1,1'-biphenyl]-3-yl]oxy]-, butyl ester, hydrochloride (1:1) (CA INDEX NAME)



● HCl

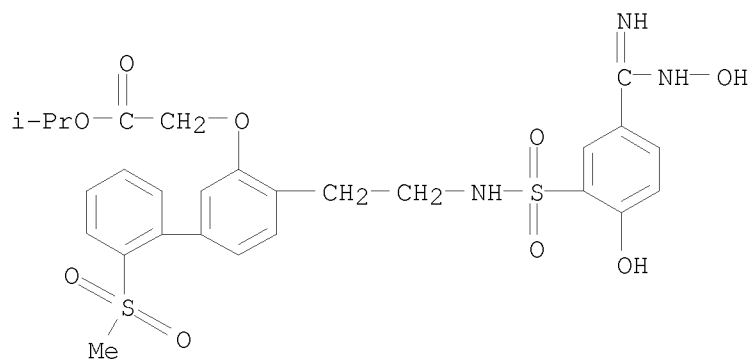
RN 409358-99-2 CAPLUS

CN Acetic acid, 2-[[4-[[2-[[[2-hydroxy-5-[(hydroxyamino)iminomethyl]phenyl]sulfonyl]amino]ethyl]-2'-(methylsulfonyl)[1,1'-biphenyl]-3-yl]oxy]-, cyclohexyl ester (CA INDEX NAME)



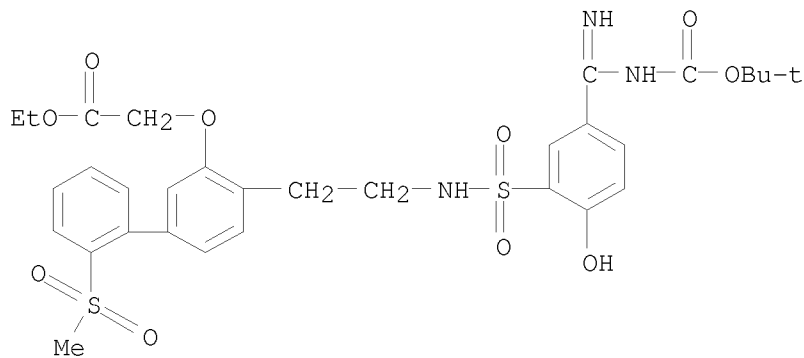
RN 409359-00-8 CAPLUS

CN Acetic acid, 2-[[4-[[2-[[[2-hydroxy-5-[(hydroxyamino)iminomethyl]phenyl]sulfonyl]amino]ethyl]-2'-(methylsulfonyl)[1,1'-biphenyl]-3-yl]oxy]-, 1-methylethyl ester (CA INDEX NAME)



RN 409359-06-4 CAPLUS

CN Acetic acid, 2-[[4-[2-[[[5-[[[(1,1-dimethylethoxy)carbonyl]amino]iminomethyl]-2-hydroxyphenyl]sulfonyl]amino]ethyl]-2'-(methylsulfonyl)[1,1'-biphenyl]-3-yl]oxy]-, ethyl ester (CA INDEX NAME)



REFERENCE COUNT:

4

THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT